

IV. *Part of a Letter from Mr Gray, concerning
an unusual Parhelion and Halo.*

Canterbury, May 4th, 1699.

S I R,

I Had scarce thought the account I sent you of the *Parhelion* I observ'd the 26th of *February* last, worth your notice, had I not been prompted to think so by the instigation of my friends, for I find they are frequently seen, tho this is the first I ever saw. But what I am now going to relate, is that which so rarely happens, that I cannot think it unworthy your cognizance.

April the 7th, 1699. between 4 and 5 of the clock, I first perceived, and afterwards shewed to several others the following Phænomena.

There appeared on each side the Sun a *Parhelion*, connected by an *Halo* of the usual diameter ; they had each of them a tail of a whitish colour, extended opposite to the Sun, of about 15 or 20 degrees in length ; the upper part of the *Halo* was touched by the arch of a Circle, whose ends were turned towards the Zenith ; it had the colours of the Iris but faintly, betwixt this and the Zenith was another portion of a Circle, which had the colours of the Iris with greater vivacity than the former ; the appearance may not be altogether unfitly represented by figure 2. where A is to be supposed the Sun, B C the *Parthelia* with their trains, D the coloured arch touching the *Halo* B D C, E the more vivid arch that pass betwixt D and the Zenith Z.

